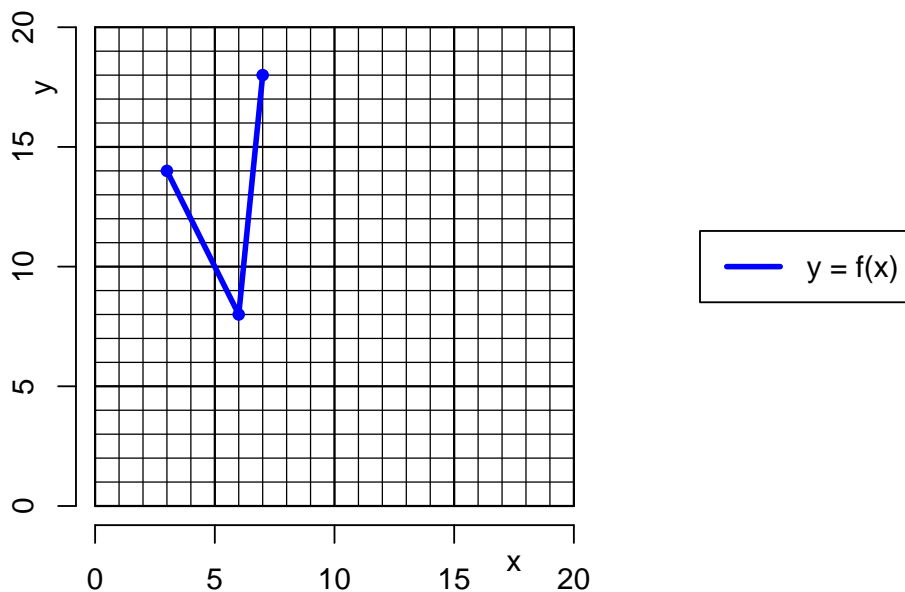# PCW_09_18 Find new points after transformation (version 2)

Question 1

Curve $y = f(x)$ contains points $(3, 14)$ and $(6, 8)$ and $(7, 18)$, as shown on the x-y plane below.
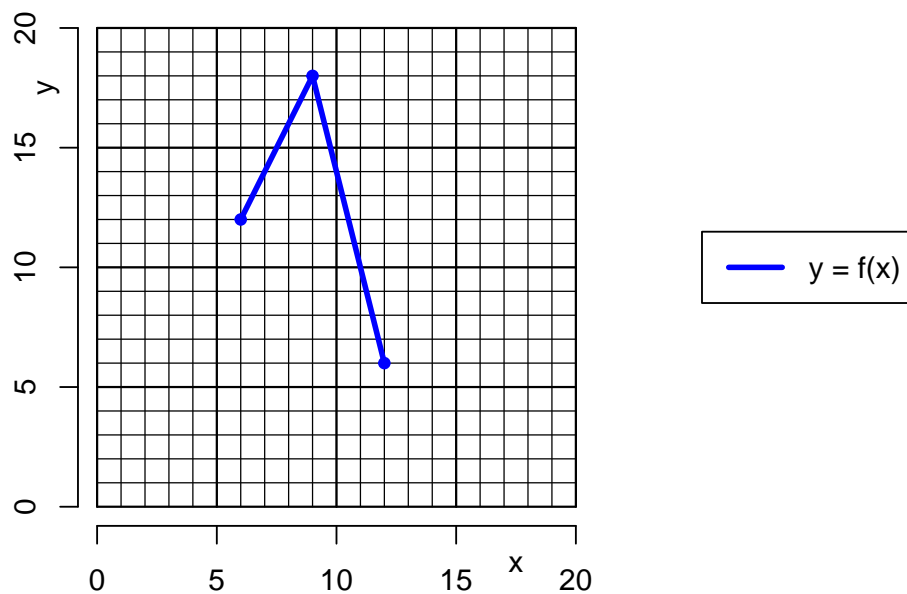

On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f\left[\frac{x+6}{3}\right] - 4}{2}$$

Question 2

Curve $y = f(x)$ contains points $(6, 12)$ and $(9, 18)$ and $(12, 6)$, as shown on the x-y plane below.

On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f[3x + 6] - 4}{2}$$